



Figure S3. PARylation levels affect the disassembly dynamics of TDP-43-associated SGs. **a** Cells transfected with either siRNA (si-PARG) or scrambled siRNA (si-Ctrl) are stressed with arsenite (100 μ M) for 30 min. The cells are then washed and waited for the indicated time. All cells are transfected with the TDP-43-HA (anti-HA) and stained for SGs by the anti-TIAR (arrowheads). The merge images with the DAPI staining for DNA (blue) are shown. **b-c** Percentage of cells with either SGs (**b**) or TDP-43+ SGs (**c**) from (**a**). Mean \pm SEM; n = over 100 cells each condition from the pooled results of 3 independent repeats; * p < 0.05, ** p < 0.01; ns, not significant; Student's t -test. Scale bar: 5 μ m.